| POSITION                  | INITIALS | ID NO. | DATE    |  |  |  |  |  |  |
|---------------------------|----------|--------|---------|--|--|--|--|--|--|
| FEE DETERMINATION         | unile    |        | 07-16-0 |  |  |  |  |  |  |
| O.I.P.E. CLASSIFIER       | HO.      |        | 7-24-01 |  |  |  |  |  |  |
| FORMALITY REVIEW          | 211      | 1126   | 8-25-01 |  |  |  |  |  |  |
| RESPONSE FORMALITY REVIEW |          |        |         |  |  |  |  |  |  |

## INDEX OF CLAIMS

| Rejected                   | N Non-elected |
|----------------------------|---------------|
| = Allowed                  | IInterference |
| (Through numeral) Canceled | A Appeal      |
| - Restricted               | OObjected     |

|              |            |          |   |             | -<br>÷         | (Th       | ıroı         | ıgh          | nun          | nera<br> | ll)      | Cano<br>Rest | eled          | l<br>ed         |          |              | (  | A              |                |  |               | •••••      |          | A<br>0        | ppea<br>bject | ed       |           |              |          |                 |           |  |  |          |
|--------------|------------|----------|---|-------------|----------------|-----------|--------------|--------------|--------------|----------|----------|--------------|---------------|-----------------|----------|--------------|--|----------------|----------------|--|---------------|------------|----------|---------------|---------------|----------|-----------|--------------|----------|-----------------|-----------|--|--|----------|
| Claim Date   |            |          |   |             |                | 7         | [c           | Claim Date   |              |          |          |              |               |                 | ٦        | Cla          | aim  | Τ              |                | Date   |               |            |          |               |               |          |           |              |          |                 |           |  |  |          |
| Claim        | -          |          | -1  | <del></del> | Jaio           | _         | Т            | -            | _            | $\dashv$ | ۲        | 1            |               | -т              | Т        | T            | T  | Т              | Т              | Т  | T             | 1          |          | $\overline{}$ | ГΤ            | $\neg$   | Т         | Т            |          | Т               | Т         | Т  | Т  | ٦        |
| Final        | 23         |          |   |             |                |           |              |              |              |          | 100      | Original     |               |                 |          |              |  |                |                |  |               |            | Final    | Original      |               |          |           | ١            |          |                 |           |  |  |          |
| <u> </u>     | 07         |          | -1  | $\dashv$    | +              | +         | +            | +            | -+-          | -        | ۳        | 51           | $\vdash$      | -+              | +        | +            | ╅  | ╅              | ╅              | 十  | +             | ┪          | ┝        | 10            | $\vdash$      | 十        | $\dashv$  | 十            | ┪        | 十               | 十         | ナ  | ヿ  | 7        |
| $\perp \cup$ | Ų٠         |          |   | _           | 4              | $\dashv$  | 4            | 4            | +            | 4        | $\vdash$ |              | ⊢⊹            | -+              | $\dashv$ | -+           | +  | +              | ┿              | +  | -             | $\dashv$   | $\vdash$ | 10            |               | $\dashv$ | +         | +            | +        | +               | +         | +  | 十  | ┪        |
| 2            |            |          | $\Box$  | _           | _              | $\perp$   | _            | _            | 4            | 4        | <u> </u> | 52           | $\vdash$      | -+              | 4        | -+           | +  | +              | -              | +  | -             | -          | -        | 100           |               | +        | $\dashv$  | +            | +        | +               | +         | +  | 十  | ┥        |
| 3            | 11         |          |   |             | ┙              |           |              |              | $\perp$      | _        | <u> </u> | 53           | Ш             | _               | _        | _            | 4  | 4              | +              | +  | +             | 4          | $\vdash$ |               |               | $\dashv$ | +         | -+           | +        | +               | +         | +  | +  | $\dashv$ |
| . 4          | П          |          |   |             |                | $\perp$   | $\dashv$     | Ц.           |              | _        |          | 54           | Щ             | _               | 1        | -            | +  | +              | 4              | -+   | -             | -          | -        | 104           |               | +        | $\dashv$  | +            | +        | +               | +         | +  | +  | ┥        |
| 5            | П          |          |   |             |                |           |              |              |              |          | L        | 55           | Ш             |                 | _        | _            | 4  | 4              | 4              | 4  |               | ┩ `        | `        | 103           |               |          | +         | +            | +        | +               | +         | +  | +  | $\dashv$ |
| 6            | П          | Γ        |   |             |                |           |              |              |              |          | Ŀ        | 56           | Ш             |                 | _        | _            | _  | _              | _              | _  | _             | 4          | <u>_</u> | 100           |               | -        | 4         | 4            | +        | +               | +         | +  | +  | -        |
| 7            | П          | Г        |   | $\neg$      |                | $\neg$    | П            |              |              |          | L        | 57           |               |                 |          |              | _  | _              |                | $\perp$  | ٠,            | _          | _        | 10            | -             | -        | -         | 4            | 4        | +               | +         | +  | +  | $\dashv$ |
| 8            | П          | T-       |   |             | T              | 7         | $\neg$       | П            | $\neg$       | ٦        |          | 58           |               |                 |          |              |  |                | $\perp$        |  | $\perp$       | ╛          | $\perp$  | 10            |               | _        | _         | _            | _        | 4               | 4         | +  | $\dashv$   | 4        |
| 9            | 11         |          | П   |             | _              | $\dashv$  | $\neg$       | T            |              | 7        | Г        | 59           | П             | _               |          |              |  |                |                |  |               |            | L        | 10            |               | _        | $\dashv$  | _            | _        | 4               | 4         | 4  | 4  | 4        |
| 10           |            |          |   | $\neg$      | ヿ              |           | $\neg$       | $\neg$       | T            | 7        |          | 60           | П             |                 |          |              |  |                |                |  |               |            | L        | 110           |               | $ \bot $ | _         | _            | _        | 4               | 4         | 4  | 4  | _        |
|              |            | t        | $\vdash$  | $\neg$      | 寸              | _         | 7            | -1           | $\dashv$     | ヿ        | Γ        | 61           |               | 一               |          | $\neg$       | Ţ  |                | $_{	extsf{T}}$ | $_{T}$   |               | ]          | L        | 11            |               |          |           | $\perp$      | $\bot$   | Ц.              | $\bot$    | ightharpoonup                                      | ightharpoonup                                    | Ц        |
| 112          | 7          | $\vdash$ |   | $\vdash$    | $\dashv$       | -+        | +            |              | 十            | $\dashv$ | T        | 62           | П             | $\neg \uparrow$ | 寸        |              | _  | $\top$         |                | $\neg$   | T             | ٦          |          | 11:           | 2             |          | $_{ m I}$ |              | $\perp$  |                 | $\perp$   | ᆚ  |  | _        |
| 13           |            | $\vdash$ | $\vdash$  | $\vdash$    | +              | $\dashv$  | -            | $\dashv$     | +            | $\dashv$ | F        | 63           | -             | $\neg$          |          | _            | _†   | ヿ              | ╛              | $\neg$   | $\top$        | ٦          |          | 11            | 3             |          |           | Ţ            | _T       | $oxed{J}$       | $_{ m I}$ |  |  | ┙        |
| 1/2          |            | +-       | -   | Н           | -              | -+        | -+           | +            | -+           | $\dashv$ | 卜        | 64           |               | H               | $\neg$   | _†           | $\dashv$   | _              | $\dashv$       | _  | $\top$        | ٦          |          | 11            | 4             |          | $\neg$    | 丁            | $\neg$   | Т               | Т         | T  | T  | _]       |
| <u> </u>     |            | ⊢        | -   | $\vdash$    | -              |           | $\dashv$     | -            |              | -        | -        | 65           | -             | $\vdash$        |          | $\dashv$     | _  | 十              | 十              | 十  |               | 1          | $\vdash$ | 11            |               | T        |           | T            |          | $\neg$          | Т         | Т  | П  | 7        |
| 15           |            | ╀        | -   | $\vdash$    | -              | $\dashv$  |              | $\dashv$     | -+           | $\dashv$ | ⊢        | 66           |               | -               | $\dashv$ |              | -  | $\dashv$       | -+             | +  | $\dashv$      | ┪          |          | 11            |               | _        | T         | $\neg$       |          | ヿ               | $\neg$    | T  | $\neg$   | ٦        |
| 16           |            | ـ        | _   | $\vdash$    | -              | -+        | $\dashv$     | -1           | -            |          | ⊢        | 67           | -             | H               | $\dashv$ | $\dashv$     | -  | +              | +              | -t   | $\dashv$      | ┨          | -        | 11            |               | $\neg$   | $\neg$    | 7            | 7        | 十               | $\dashv$  | $\dashv$   | ╗  | ヿ        |
| 117          |            | ↓_       | <u> </u>  |             |                | -         | _            | -            | +            | -        | ⊢        | 68           | ╁╌┤           |                 | -1       | -            | -  | -+             | -+             | +  | -             | ┪          | $\vdash$ | 11            |               |          | _         | ┪            | 十        | $\top$          | $\dashv$  | 十  | 7  | ヿ        |
| 18           |            | $\perp$  | _   | Ш           |                | _         | _            | _            | _            | 4        | -        |              |               | -               | $\vdash$ | $\dashv$     | -  | -              | +              | $\dashv$   | +             | -          | $\vdash$ | 11            |               |          | $\dashv$  | +            | +        | $\dashv$        | +         | 十  | _  | ᅥ        |
| 19           |            | L        | L   |             |                | _         | _            | _            | _            | _        | <u> </u> | 69           | -             | _               |          |              |  | -              | -              | $\dashv$   | $\rightarrow$ | 4          | -        | _             | -             | -1       | -         | -            | -+       | +               | $\dashv$  | $\dashv$   | +  | ᅥ        |
| 20           | <u>: [</u> |          |   | l           | - 1            |           |              | ١            |              |          | L        | 70           |               |                 |          |              |  |                | _              |  |               | _          | $\perp$  | 12            |               |          |           |              | 4        | 4               | 4         | $\dashv$   |  | 4        |
| 2            | 1          | T        | 1   |             |                | $\Box$    |              |              |              | 7        | Γ        | 71           |               |                 |          |              |  |                |                |  |               | ┛          | L        | 12            | _             |          |           |              |          | 4               | 4         | _  | _  | ᅴ        |
| 2:           |            | †        | t   | П           |                |           |              |              |              |          |          | 72           |               |                 |          |              |  |                |                | ٠.   |               | ╝          | L        | 12            |               |          |           |              |          | _               | _         |  | _  | _        |
| . 2          |            | ✝        | 1   | П           |                |           |              |              | $\neg$       | 7        |          | 73           | 3             |                 |          |              |  |                |                |  |               |            |          | 12            |               |          |           |              |          | _               | _         | _  | _  | _        |
| 2            |            | +        | ╁╴  | Н           |                | T         | _            |              | $\Box$       | ヿ        | ı        | 74           | ı             |                 | П        |              |  |                | $\neg$         |  |               | -          |          | 12            | 4             |          |           |              |          |                 | $\Box$    | $\Box$   | $\Box$   |          |
| 2            |            | +        | +   | $\vdash$    | _              | $\dashv$  | $\neg$       | Н            | H            | _        | F        | 75           | 5             | 1               | П        | П            |  |                | П              |  |               | 7          | Г        | 12            | 5             |          |           |              |          |                 |           |  |  |          |
| 2            |            | +        | ┼╌  | $\vdash$    |                | H         | _            |              |              | ⊣        | -        | 76           |               | Г               | $\vdash$ |              |  |                |                |  |               |            |          | 12            | 6             |          |           |              |          |                 |           |  |  |          |
| 2            |            | ┿        | ╁   | $\vdash$    | -              | Н         |              | H            | -            | $\dashv$ | F        | 77           | $\overline{}$ | <del> </del>    | _        |              | П  | $\neg$         | 一              | -  |               | $\neg$     |          | 12            | 7             |          | П         |              |          | $\neg$          | П         | $\neg$   | П  |          |
| 2            |            | +        | ╁   | $\vdash$    | ┝┥             | Н         |              | -            | +            | +        | ⊢        | 78           |               | -               | Η.       | Н            |  | T              | $\neg$         | $\neg$   | 1             | 7          |          | 12            |               | Г        |           |              |          | $\neg$          | $\neg$    |  | П  | $\Box$   |
|              |            | +-       | ╁   | -           | <u> </u>       | H         | -            | -            | -            | -        | ŀ        | 79           |               | ├-              | $\vdash$ | -            |  | -              | 寸              | _  |               | $\dashv$   |          | 12            |               | _        |           |              |          | $\neg$          | $\exists$ | $\neg$   | П  |          |
| 2            |            | +        | -   | <b>├</b>    | $\vdash$       | -         |              | -            | H            | -        | <br> -   | 80           | -             | ├               | ┝        | -            | Н  |                | $\dashv$       |  | $\vdash$      | -1         | -        | 13            |               | H        |           |              | $\neg$   | $\dashv$        | $\neg$    | $\neg$   | П  |          |
|              | 0          | +        | ╄   | ļ_          |                | Н         |              |              | $\vdash$     | -        |          | 8            | _             | ┾╌              | ⊢        | -            | Н  | -              | $\dashv$       |  | $\dashv$      | $\dashv$   | -        | 1:            | _             | $\vdash$ | -         | Н            | Н        | 寸               | $\exists$ | $\dashv$   | П  |          |
|              | 11         | 4        | ╄   | ــــ        |                | Щ         | _            | _            | $\vdash$     |          | H        |              | _             | ├               | ⊢        | -            | $\vdash$   |                | -              | -  | -             | $\dashv$   | ┢        | 1:            | _             | ┢        | ┢         | $\vdash$     |          | $\neg \uparrow$ | $\neg$    |  | Ħ  | _        |
|              | 2          | $\perp$  | ↓_  | ┷           |                | $\square$ | _            | _            |              | -        | -        | 82           | _             | ╀╌              | +        | -            |  | Н              | $\dashv$       |  | $\vdash$      | <b>⊣</b> · | -        | 1:            | _             |          | ┢         |              | -        | $\dashv$        | $\neg$    | $\neg$   | П  |          |
|              | 13         | 1_       | 1   | 1           | 匚              |           | <u> </u>     | _            | $\Box$       | _        | Ļ        | 83           |               | -               | ├-       | -            | -  | $\vdash$       |                |  | -             |            | ⊢        |               | 34            | -        | ├         |              | Н        | $\dashv$        | $\vdash$  | $\dashv$   | Н  | _        |
|              | 4          | $\perp$  |   | $\perp$     | <u> </u>       |           | L_           | <u> </u>     | $\sqcup$     | _        | -        | 84           |               | ╄-              | +        | <del> </del> | $\vdash$   | $\vdash\vdash$ | -              | Ь.,  | ⊢⊦            | $\dashv$   | -        |               | 35            | ⊢        | ┢         | $\vdash$     | Н        | $\vdash$        | $\vdash$  | Н  | H  | $\vdash$ |
|              | 5          |          |   |             |                |           |              | $oxed{oxed}$ | Ш            | _        | L        | 8            |               | <del> </del> _  | $\vdash$ | <u> </u>     | Ш  | Ш              |                | H  | $\vdash$      | 4          | $\vdash$ | 13            |               | ├-       | ├-        | -            | $\vdash$ | $\vdash$        | Н         |  | Н  | -        |
|              | 6          | $\perp$  | $oldsymbol{ol}}}}}}}}}}}}}}}$ |             |                |           |              |              | Ш            | _        |          | 86           |               | 1               | 1        | <u> </u>     | _  | $oxed{oxed}$   |                | _  |               | $\dashv$   | <b> </b> |               | _             | 1-       | +         |              | H        | $\vdash$        | Н         | ⊢┤   | $\vdash$   | $\vdash$ |
|              | 37         |          |   |             |                |           | L            | L            | $oxed{oxed}$ |          | L        | 8            | _             | <u> </u>        | _        | <u> </u>     | $\vdash$   |                |                | L  | $\perp$       | _          | L        | 1:            |               | ↓_       | ├         | -            | $\vdash$ | Н               | Н         | $\vdash \vdash$                                    | Н  | ├        |
|              | 8          |          |   |             |                |           |              |              |              | $\Box$   |          | 88           |               |                 | _        |              | <u></u>  | Ш              |                | <u> </u>   | Ц             | _          | L        |               | 38            | ـ        | L.        | <u> </u>     | _        |                 | Ш         | ╙  | -  | <u> </u> |
| 13           | 19         | Τ        |   | Т           |                |           |              |              |              | _]       |          | 8            |               | L               | $\perp$  | <u> </u>     | 乚  | L_             |                | <u> </u>   | Ш             | _          | L        |               | 39            | ــــ     | 1_        | <u> </u>     | <u> </u> | $\vdash$        | ш         | L  | ⊢  | $\vdash$ |
|              | ю          | +        | 1   | 1           | 1              |           | Ţ            | Γ            |              |          | ſ        | 9            | 0             |                 | Γ        |              | _  |                |                |  | Lſ            |            | L        |               | 10            | L        | L         | $oxed{oxed}$ |          | Ш               |           | L  | _  | <u></u>  |
|              | 11         | +        | +   | +           | 1              | $t^-$     |              | T            | T            | $\neg$   | ı        | 9            |               | Т               | Τ        | Π            | Π  | Г              |                |  | П             |            | Γ        | 1             | 41            | Ĺ        |           | Ĺ            | Ĺ.       |                 |           |  | L  | _        |
|              | 2          | +        | ╁   | +           | ╁              | 1         | <del> </del> | ╁            | +            | $\dashv$ | ŀ        | 9            |               | T               | $t^-$    | 1            | T  |                | Г              |  |               | $\neg$     | Γ        | 1             | 42            | $\top$   |           |              |          | Г               |           |  |  |          |
|              | 13         | +        | +   | ╁╌          | <del> </del>   | ┼         | +            | $\vdash$     | $\vdash$     | $\dashv$ | -        | 9            |               | +               | +-       | T            | <del>                                     </del> | 1              | _              | <del>                                     </del> | $\Box$        | $\dashv$   | F        |               | 43            | 1        | Т         | 1            | Π        |                 | Г         |  |  |          |
|              |            | +        | +-  | +           | $\vdash$       | ₩         | $\vdash$     | Η.           | $\vdash$     | $\dashv$ | ŀ        | 9            |               | ╁               | +        | +-           | <del>                                     </del> | 1              | $\vdash$       | ✝  | +             | $\dashv$   | F        | _             | 44            | T        | t         |              | Г        | Г               | Г         | Г  | Г  | Г        |
|              | 14         | 4-       | +   | +           | ₩              | ⊢         | <del> </del> | 1            | $\vdash$     | Н        | }        | 9            |               | +-              | ╁        | $\vdash$     | $\vdash$   | -              | ├              | $\vdash$   | ╀┯┤           | $\dashv$   | <b> </b> |               | 45            |          | +         | t            | $\vdash$ | М               |           | $\overline{}$                                      | F  |          |
|              | 15         | +        | +   | +-          | -              | +         | 1            | -            | H            | Н        | }        |              | _             | +               | +        | +            | ╁╌   | t-             | -              | $\vdash$   | $\vdash$      | $\dashv$   | H        | _             | 46            | +        | †         | $\vdash$     | 1        | Г               | $\vdash$  | Г  | T  | $\Box$   |
|              | 16         | 4        | _   | 1_          | 1              | ـ         | 1.           | ـ            | 1            | Ы        | ŀ        |              | 6             | 4-              | +        | ╀            | $\vdash$   | -              | -              | ╁  | ┯             | $\dashv$   | +        |               | 47            | +        | ╁╌        | +            | $\vdash$ | $\vdash$        | $\vdash$  | ┢  | <del> </del>                                     | $\vdash$ |
|              | 17         |          | 4   | 1           | <del> </del> _ | ↓_        | 1_           | 1            | <del> </del> | Щ        |          | 9            | _             | +-              | +        | ╁            | ╀  | ├-             |                | $\vdash$   | $\vdash$      | $\dashv$   | H        |               | 48            | +-       | ╁         | +            | +-       | +               | +-        | +  | <del>                                     </del> | $\vdash$ |
|              | 18         | $\perp$  | 4   | $\perp$     | 4              | 1         | 1_           | 1            | 1            | Ц        |          | 9            |               | 4-              | +        | 1-           | +  | ₩              | <del> </del>   | ┺  | ⊣             | $\dashv$   | $\vdash$ | _             | _             | +        | +-        | +            | ╁        | ┢               | +-        | <del>                                     </del>   | +  | †        |
|              | 19         | $\perp$  | 1   | $\perp$     | $\perp$        | 1         | 1_           | $\perp$      | 1_           | Ш        |          |              | 9             | +               | +        | +            | +  | 1              |                | -  | 1-1           | $\dashv$   | H        |               | 49<br>50      | +        | +         | +            | +-       | +-              | $\vdash$  | <del>  -                                    </del> | 1  | $t^-$    |
| 1 1          | 50         | - 1      |   | 1           | 1              | 1         | 1            | 1            |              | ιl       | - 1      | 110          | 00            | 1               | 1        | 1            | 1  | 1              | 1              | 1  | 1             |            | L        | լլ            | อน            | 1        | 1         | 1            | 1        |                 | ــــ      |  | ┸  |          |

If more than 150 claims or 10 actions staple additional sheet here

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